

Title (en)
ROTARY TRANSMITTER

Publication
EP 0247997 B1 19910116 (DE)

Application
EP 87890115 A 19870520

Priority
DE 3618175 A 19860530

Abstract (en)
[origin: US4771200A] A synchro generator comprising a stator having a signal coil with at least two signal windings offset at predetermined angles relative to each other, and an exciter coil having an exciter winding concentric with the signal coil. A core of magnetically conductive material is allocated to at least one of the coils, and comprises a rotor of magnetically conductive material asymmetric relative to its axis of rotation. The signal coil is a cylindrical coil with obliquely wound windings, and the exciter coil is a cylindrical coil with a straight (spool) wound winding. A substantially cylindrical shell of magnetically conductive material is allocated to the coils and the rotor comprises at least a pair of diametrically opposed conducting members of magnetically conductive material.

IPC 1-7
H01F 21/06; **H02K 24/00**

IPC 8 full level
H02K 19/16 (2006.01); **H01F 21/06** (2006.01); **H02K 19/24** (2006.01); **H02K 24/00** (2006.01); **H02K 29/12** (2006.01)

CPC (source: EP US)
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Cited by
US8148973B2; WO2007074375A3

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EP 0247997 A1 19871202; **EP 0247997 B1 19910116**; AT E60173 T1 19910215; DE 3618175 A1 19871203; DE 3767368 D1 19910221; JP S631354 A 19880106; US 4771200 A 19880913

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